

INTERNATIONAL SEARCH REPORT

International application No. PCT/SE 2004/001007

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H01F 41/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4779812 A (JOHN L. FISHER ET AL), 25 October 1988 (25.10.1988) --	1
A	WO 9810449 A1 (VACUUMSCHMELZE GMBH), 12 March 1998 (12.03.1998) -----	1

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search 17 Sept 2004	Date of mailing of the international search report 29-09-2004
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Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Magnus Westöö/MN Telephone No. +46 8 782 25 00
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INTERNATIONAL-TYPE SEARCH REPORTSearch request No.
SE2004/001007**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international-type search report has not been established in respect of certain claims for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: **13**
because they relate to parts of the national application that do not comply with the prescribed requirements to such an extent that no meaningful international-type search can be carried out, specifically:
Claim 13 does not state the invention independently and fully

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this national application, as follows:

1. As all required additional search fees were timely paid by the applicant, this international-type search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international-type search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international-type search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT
Information on patent family members

31/07/2004

International application No.
PCT/SE 2004/001007

US	4779812	A	25/10/1988	AT	35192	T	15/07/1988
				AU	561815	B	21/05/1987
				AU	9177882	A	14/07/1983
				BR	8300033	A	13/09/1983
				CA	1192281	A	20/08/1985
				CA	1220827	A,C	21/04/1987
				CA	1236964	A,C	24/05/1988
				DE	3377094	D	00/00/0000
				DK	1583	A	07/07/1983
				EP	0083567	A,B	13/07/1983
				SE	0083567	T3	
				EP	0225316	A	10/06/1987
				IT	8347518	D	00/00/0000
				JP	58123708	A	23/07/1983
				MX	152825	A	17/06/1986
WO	9810449	A1	12/03/1998	DE	19636073	C	05/02/1998